

Substitute Form PTO-1449 (Modified) Information Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 06897-006001	Application No. 09/840,322
	Applicant Long Y. Chiang		
	Filing Date April 23, 2001	Group Art Unit 1645	

U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
<i>[Signature]</i>	AA	4,940,517	07/10/90	Wei	204	78	

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
<i>[Signature]</i>	AB							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
<i>[Signature]</i>	AC	Anantharaj et al., "Synthesis of Starburst Hexa(oligoanilinated) C ₆₀ Using Hexanitrol[60]fullerene as a Precursor", J. Chem. Soc., Perkin Trans. 1, 1999, 3357:3366.
	AD	Anderson et al., "Photophysical Characterization and Singlet Oxygen Yield of a Dihydrofullerene", J. Am. Chem. Soc. 116:9763-9764, 1994.
	AE	Arimoto et al., "Multi-valent Polymer of Vancomycin: enhanced Antibacterial Activity Against VRE", Chem. Commun. 1361-1362, 1999.
	AF	Bergeron et al., "Water-Soluble Conducting Poly(aniline) Polymer", J. Chem. Soc., Chem. Commun. 180-182, 1990.
	AG	Corbell et al., "A comparison of Biological and Calorimetric Analyses of Multivalent Glycodendrimer Ligands for Concanavalin A", Tetrahedron: Asymmetry 11:95-111, 2000.
	AH	Fan et al., "High-affinity Pentavalent Ligands of Escherichia coli Heat-labile Enterotoxin by Modular Structure-based Design", J. Am. Chem. Soc. 122:2663-2664, 2000.
	AI	Fulton et al., "An Efficient Synthesis of Cyclodextrin-based Carbohydrate Cluster Compounds", Organic Letters 2:1113-1116, 2000.
	AJ	Han et al., "Combination of Electrochemistry with Concurrent Reduction and Substitution Chemistry to Provide a Facile and Versatile Tool for Preparing Highly Functionalized Polyanilines", Chem. Mater. 11:480-486, 1999.
	AK	Han et al., "concurrent Reduction and Modification of Polyaniline Emeraldine Base with Pyrrolidine and Other Nucleophiles", Chem. Commun. 553-554, 1997.
	AL	Hany et al., "Polyanilines with Covalently Bonded Alkyl Sulfonates as Doping Agent, Synthesis and Properties", Synthetic Metals 31:369-378, 1989.
	AM	Irie et al., "Photocytotoxicity of Water-soluble Fullerene Derivatives", Biosci. Biotech. Biochem. 60:1359-1361, 1996.
	AN	Lamparth et al., "Reversible Template-Directed Activation of Equatorial Double Bonds of the Fullerene Framework: Regioselective Direct Synthesis, Crystal Structure, and Aromatic Properties of T _h -C ₆₆ (COOEt) ₁₂ ", Angew. Chem. Int. Ed. Engl. 34:1607-1609, 1995.
	AO	Lamparth et al., "Synthesis of [60]Fullerene Derivatives with an Octahedral Addition Pattern", Tetrahedron 52:5065-5075, 1996.
	AP	Lee et al., "Binding of Synthetic Oligosaccharides to the Hepatic Gal/GalNAc Lectin", The Journal of Biological Chemistry 258:199-202, 1983.
	AQ	Lu et al., "Phenyl-capped Octaaniline (COA): An Excellent Model for Polyaniline", J. Am. Chem. Soc. 108:8311-8313, 1986.
<i>[Signature]</i>	AR	Mammen et al., "Polyvalent Interactions in Biological Systems: Implications for Design and Use of Multivalent Ligands and Inhibitors", Angew. Chem. Int. Ed. 37:2754-2794, 1998.

Examiner Signature	Date Considered
<i>[Signature]</i>	3/6/02

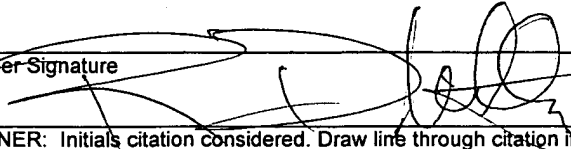
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

RECEIVED

Substitute Form PTO-1449 (Modified) Information Disclosed by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 06897-006001	Application No. 09/840,322
	Applicant Long Y. Chiang			
	Filing Date April 23, 2001		Group Art Unit 1645	

U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	BA	Nakamura et al., "Biological Activity of Water-Soluble Fullerenes. Structural Dependence of DNA Cleavage, Cytotoxicity, and Enzyme Inhibitory Activities Including HIV-Protease Inhibition", Bull. Chem. Soc. Jpn. 69:2143-2151, 1996.					
	BB	Nguyen et al., "Synthesis and Properties of Novel Water-Soluble Conducting Polyaniline Copolymers", Macromolecules 27:3625-3631, 1994.					
	BC	Nguyen et al., "Water-soluble Conductive-electroactive Polymers", TRIP 3:186-190, 1995.					
	BD	Rebourn et al., "Polyaniline Oligomers; Synthesis and Characterisation", Synthetic Metals 84:65-66, 1997.					
	BE	Sadighi et al., "Palladium-catalyzed Synthesis of Monodisperse. Controlled-length. And Functionalized Oligoanilines", J. Am. Chem. Soc. 120:4960-4976, 1998.					
	BF	Spaltenstein et al., "Polyacrylamides Bearing Pendant α -Sialoside Groups Strongly Inhibit Agglutination of Erythrocytes by Influenza Virus", J. Am. Chem. Soc. 113:686-687, 1991.					
	BG	Tabata et al., "Photodynamic Effect of Polyethylene Glycol-modified Fullerene on Tumor", Jpn. J. Cancer Res. 88:1108-1116, 1997.					
	BH	Wang et al., "Enhanced Inhibition of Human Anti-gal Antibody Binding to Mammalian Cells by Synthetic α -Gal Epitope Polymers", J. Am. Chem. Soc. 121:8174-8181, 1999.					
	BI	Wei et al., "A New Synthesis of Aniline Oligomers with Three to Eight Amine Units", Synthetic Metals 84:289-291, 1997.					
	BJ	Yue et al., "Effect of Sulfonic Acid Group on Polyaniline Backbone", J. Am. Chem. Soc. 113:2665-2671, 1991.					
	BK	Yue, "Synthesis of Self-doped Conducting Polyaniline", J. Am. Chem. Soc. 112:2800-2801, 1990.					
RM	BL	Zhang et al., "Synthesis of Oligomeric Anilines", Synthetic Metals 84:19-120, 1997.					

Examiner Signature 	Date Considered 3/6/02
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	